

ABSTRACT OF THE DISCLOSURE

An image pickup device including an array of a plurality of pixels including photoelectric conversion portions for accumulating signal charges
5 generated by photoelectric conversion and an amplifying transistor for amplifying the signal charges generated by the photoelectric conversion portion to output the amplified signal charges, the device comprising: a junction-type field effect
10 transistor, including a main electrode made of first semiconductor region of a first conduction type connected to control electrode region of the amplifying transistor, and a control electrode region made of second semiconductor region of a second
15 conductive type opposite to the first conductivity type having same electric potential as that of semiconductor region of the second conduction type included in a semiconductor region forming the photoelectric conversion portions; and an electric
20 potential supplying circuit for supplying predetermined electric potential to the main electrode regions of the a junction-type field effect transistor.